ROCKTRON
TECHNOLOGY FOR GUITARISTS

PATCHMATE LOOP 8 FLOOR

MANUAL

May be covered by one or more of the following: U.S. Patents
#4538297, 4647876, 4696044, 4745309, 4881047, 4893099, 5124657, 5263091,
5268527, 5319713, 5333201, 5402498 and 5493617.
Other patents pending. Foreign patents pending.

CE

Your PatchMate LOOP 8 Floor has been designed to comply with the following Standards and Directives as set forth by the European Union:

Council Directive(s): 89/336/EEC, 73/23/EEC, 76/769/EC, 1994/62/EC, 2000/53/EC, 2002/95/EC

Standard(s): EN55022, EN50082-1, EN60065

This means that this product has been designed to meet stringent guidelines on how much RF energy it can emit, and that it should be immune from other sources of interference when properly used. Improper use of this equipment could result in increased RF emissions, which may or may not interfere with other electronic products.

To insure against this possibility, always use good shielded cables for all audio input and output connections. This will help insure compliance with the Directive(s).

SPECIFICATIONS

Active Input Impedance	1.5M ohms
Active Output Impedance	150 ohms
Input Jacks	1/4” mono
Send Jacks	1/4” mono
Return Jacks	1/4” mono
Output Jacks	1/4” mono
Power requirements	9VAC 2 amps 4 pin DIN connector
Dimensions	19” wide, 3” tall, 4.5" deep 483mm x 75mm x 114mm
MIDI In/Thru/Out	7 pin DIN, (standard 5 pin cable plugs in without phantom power feature) Thru/Out 5 pin DIN
Phantom power	Provided on MIDI IN jack pins 6 and 7 - 9VAC 2 amps
Presets	128
MIDI program change	0-127
Midi control	Change commands in groups of 8 with 16 banks 0-7, 8-15, 16-23.....120-127
Relays	Gas filled, contacts gold plated

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PRECAUTIONS

NOTE: IT IS VERY IMPORTANT THAT YOU READ THIS SECTION TO PROVIDE YEARS OF TROUBLE FREE USE. THIS UNIT REQUIRES CAREFUL HANDLING.

- All warnings on this equipment and in the operating instructions should be adhered to and all operating instructions should be followed.
- Do not use this equipment near water. Care should be taken so that objects do not fall and liquids are not spilled into the unit through any openings.
- The power cord/adapter should be unplugged from the outlet when left unused for a long period of time.
- Do not block any ventilation openings (if applicable). Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
- Only used attachments/accessories specified by the manufacturer.
- Do not use this product with any case, stand, tripod, bracket or table that is not specified by the manufacturer. Insure that the case, stand, tripod, bracket etc. is properly adjusted and setup (follow all instructions). Extra care and caution should be taken to avoid tip over and injury.
- Unplug this apparatus during lightning storms or when unused during long periods of time.

Refer all service to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply or plug is damaged, liquid has been spilled or objects have fallen into the apparatus or if the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.

DO NOT ATTEMPT TO SERVICE THIS EQUIPMENT. THIS EQUIPMENT SHOULD BE SERVICED BY QUALIFIED PERSONNEL ONLY. DO NOT MAKE ANY INTERNAL ADJUSTMENTS OR ADDITIONS TO THIS EQUIPMENT AT ANY TIME. DO NOT TAMPER WITH INTERNAL ELECTRONIC COMPONENTS AT ANY TIME. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY VOID THE WARRANTY OF THIS EQUIPMENT, AS WELL AS CAUSING SHOCK HAZARD.

OPERATING TEMPERATURE

Do not expose this unit to excessive heat. This unit is designed to operate between 32° F and 104° F (0° C and 40° C). This unit may not function properly under extreme temperatures.

Introduction

The PatchMate LOOP 8 Floor provides 8 discrete Loops all with True Bypass, Buffered and non buffered signal paths, 128 programmable presets with Real time control using the 9 high quality metal foot switches.

The eight LOOPs may be configured for multiple purposes including Channel switching, effects loops, guitar routing and more. Add preset programmability along with pedal True Bypass to any standard pedal board with ease!

The PatchMate LOOP 8 Floor is easy to set up and program with real time user controls. Program the unit from the top panel using the switches. Recall the first 8 user presets using the 8 onboard footswitches or access a total of 128 presets using external MIDI program changes. External MIDI Continuous Controllers add the ability to trigger loops externally.

The PatchMate LOOP 8 Floor supports intelligent latching and momentary switch sensing, which allows the user to use any MIDI Continuous Controller number without any other programming effort!

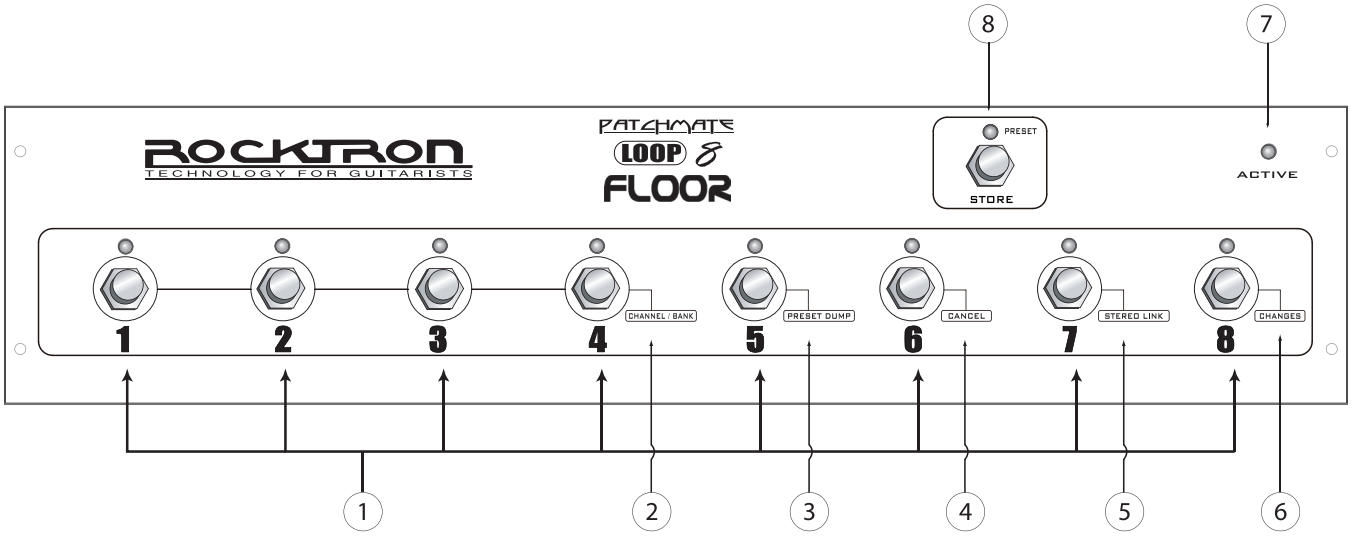
The PatchMate LOOP 8 Floor has buffered ACTIVE and PASSIVE inputs, with PASSIVE/ACTIVE and ACTIVE outputs on the back. It may also be set to any MIDI channel and is programmable from the top panel as well as configured for use on any of 16 banks of controllers via the top panel switches.

MIDI In/Out/Thru is also provided making it the ideal addition to any floor setup that can benefit from the flexibility attained with Programmable Presets, 8 LOOPS with True Bypass, Real Time and External Loop Control capabilities. Additionally, using Rocktron's SMART CONTROLLER TECHNOLOGY, the PatchMate LOOP 8 Floor can also be used for momentary amplifier switching!

For further expansion Rocktron recommends combining the PatchMate Loop 8 Floor with any Rocktron MIDI controller, including the MIDI XChange, MIDI Mate, All Access and All Access LTD.

Enjoy!

PatchMate LOOP 8 Floor Top Panel



1 LOOP Switches

These switches are used to turn "on/off" each individual loop. The LED above each switch will display the "current" status of the PatchMate. If an LED above a switch is lit, that LOOP is active. If the LED above a switch is not lit, the LOOP is not active or off.

SECONDARY SWITCH FUNCTIONS

2 CHANNEL/BANK Function

In this function switches 1, 2, 3 and 4 are used to select the MIDI Channel and MIDI Controllers Banks. This function is only accessable when turning "ON" the PatchMate LOOP 8 Floor. See the section titled "SETUP YOUR PATCHMATE LOOP 8 FLOOR" later in this manual for the procedure.

3 PRESET DUMP Function

In this function switch 5 is used to dump presets from one PatchMate LOOP 8 Floor to another PatchMate LOOP 8 Floor. This function is only accessable when turning "ON" the PatchMate LOOP 8 Floor. See the section titled "PRESET DUMP" later in this manual for the proceedure.

4 CANCEL Function

In this function switch 6 is used to CANCEL any secondary function changes that you have made before you have stored them.

5 STEREO LINK Function

In this function switch 7 is used to select the STEREO LINK function whic allows you to link LOOPs within the PatchMate Loop 8 Floor for Stereo control. This function is only accessable when turning "ON" the PatchMate LOOP 8 Floor. See the section titled "STEREO LINK" later in this manual for the procedure.

PatchMate LOOP 8 Floor Top Panel Continued.....

6 CHANGES Function

In this function switch 8 is used to select if you would like the PatchMate LOOP 8 Floor to respond to MIDI Program changes and MIDI Controller changes or not. See the section in this manual called "CHANGES Function" for more details.

7 ACTIVE - Power LED

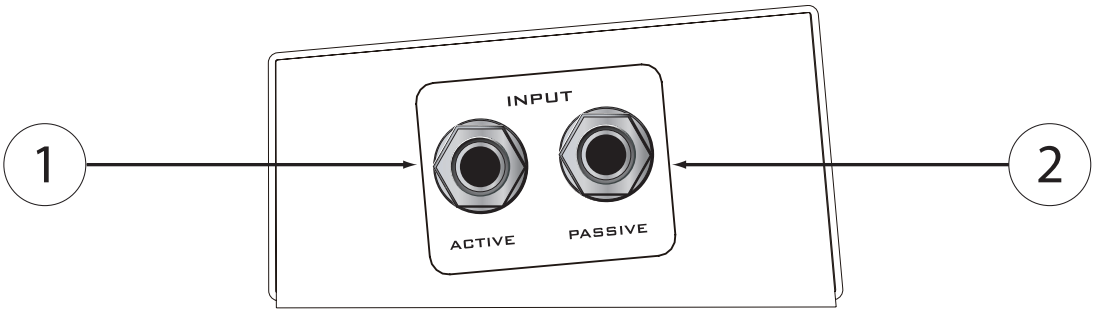
When this LED is lit the PatchMate LOOP 8 Floor is "ON" or "ACTIVE". To turn on the PatchMate LOOP 8 Floor, use the POWER switch located on the back panel. See PatchMate LOOP 8 Floor Back Panel section of this manual for more information on the power switch.

8 STORE Button & PRESET LED

This Switch has is used to store (save) any preset that has been changed and to put the PatchMate LOOP 8 Floor into "PRESET" mode.

See "STORING PRESETS" and "PRESET" MODE sections in this manual for more details on these functions.

PatchMate LOOP 8 Floor Top Panel Side Panel



1 ACTIVE Input Jack

Plug your guitar into this jack to use the buffered input. This ACTIVE Input Jack is connected to an active buffer that helps maintain signal strength when driving multiple devices in parallel. This "buffered" output is present on the "ACTIVE OUTPUT" on the back panel of the PatchMate.

ACTIVE INPUT (front panel) → BUFFER (internal) → ACTIVE OUTPUT (back panel)

> Note: When the ACTIVE INPUT Jack is used, the buffered signal is present at the PAS.-ACT. OUTPUT as well, allowing you to connect another device to this jack.

ACTIVE INPUT (front panel) → BUFFER (internal) → PAS.-ACT.. OUTPUT (back panel)

2 PASSIVE Input Jack

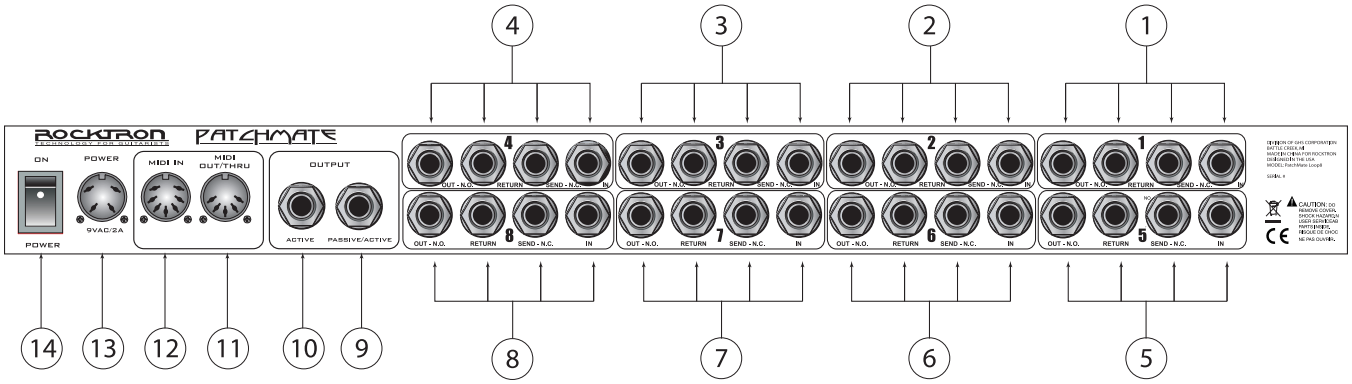
Plug your guitar into this jack if you would like to bypass the buffered input allowing your guitar signal to "feed thru" wire to wire. This "feed thru" signal is present on the "PAS.-ACT. OUTPUT" on the back panel of the PatchMate

PASSIVE INPUT (front panel) → PAS.-ACT. OUTPUT (back panel)

> Note: When the PASSIVE Input is NOT being used the ACTIVE (buffered) OUTPUT will be present at the PAS.-ACT. OUTPUT. Thus, you can connect another device to PAS.-ACT. OUTPUT and it will have the buffered signal.

ACTIVE INPUT (front panel) → BUFFER (internal) → PAS.-ACT.. OUTPUT (back panel)

PatchMate LOOP 8 Floor Back Panel



NOTE: The following example is to illustrate a serial chain of effects and how the Patchmate Loop 8 Floor may be applied. It is not necessary to daisy chain each LOOP in the order listed below. You may use any LOOP you desire and in any order you choose.

1 LOOP Section Number "1"

These jacks are used to connect your first device in the signal chain. These jacks correspond to the LOOP Button Number "1" on the front panel of the PatchMate LOOP 8 Floor.

2 LOOP Section Number "2"

These jacks are used to connect your second device in the signal chain. These jacks correspond to the LOOP Button Number "2" on the front panel of the PatchMate LOOP 8 Floor.

3 LOOP Section Number "3"

These jacks are used to connect your third device in the signal chain. These jacks correspond to the LOOP Button Number "3" on the front panel of the PatchMate LOOP 8 Floor.

4 LOOP Section Number "4"

These jacks are used to connect your fourth device in the signal chain. These jacks correspond to the LOOP Button Number "4" on the front panel of the PatchMate LOOP 8 Floor.

5 LOOP Section Number "5"

These jacks are used to connect your fifth device in the signal chain. These jacks correspond to the LOOP Button Number "5" on the front panel of the PatchMate LOOP 8 Floor.

6 LOOP Section Number "6"

These jacks are used to connect your sixth device in the signal chain. These jacks correspond to the LOOP Button Number "6" on the front panel of the PatchMate LOOP 8 Floor.

7 LOOP Section Number "7"

These jacks are used to connect your seventh device in the signal chain. These jacks correspond to the LOOP Button Number "7" on the front panel of the PatchMate LOOP 8 Floor.

8 LOOP Section Number "8"

These jacks are used to connect your eighth device in the signal chain. These jacks correspond to the LOOP Button Number "8" on the front panel of the PatchMate LOOP 8 Floor.

PatchMate LOOP 8 Floor Back Panel...continued....

9 PASSIVE/ACTIVE OUTPUT Jack

Use this jack to plug into the next unit in your signal chain or the desired LOOP. This jack can also be used as an output for the guitar signal when splitting the signal. This jack is the output for the PASSIVE/ACTIVE input jack located on the side panel of the PatchMate LOOP 8 Floor.

10 ACTIVE OUTPUT Jack

This jack is used to send your guitar signal to your desired device, such as an amplifier. This jack is the output for the ACTIVE input jack located on the side panel of the PatchMate LOOP 8 Floor.

11 MIDI OUT/THRU Jack

Use this jack to plug into the first MIDI controllable device in your signal chain.

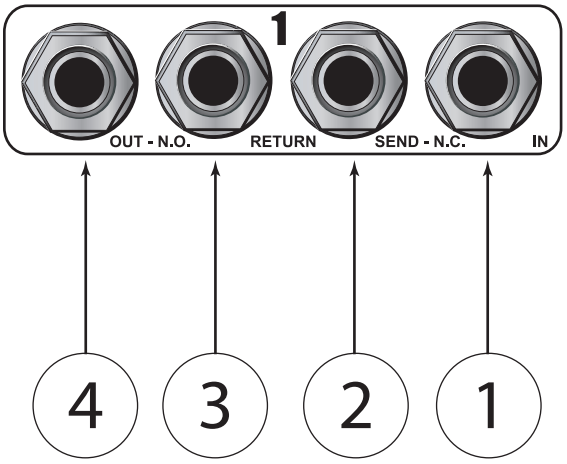
12 MIDI IN Jack

Use this jack to plug in your MIDI controller. This jack is a 7 Pin MIDI Jack, however a standard 5 Pin MIDI Cable can be used. If plugging into a Rocktron MIDI controller such as the All Access, MIDI Mate or MIDI Xchange, we recommend using the Rocktron RMM900 7-Pin MIDI Cable (sold separately). Pins 6 and 7 supply phantom power to the Rocktron MIDI controller when using the RMM900.

13 POWER Jack

Plug the included 9VAC adapter into this jack to provide power to the unit. Please follow all precautions as outlined in this manual and the manuals of the products that are being plugged into the PatchMate LOOP 8 Floor. Failure to follow these precautions may void the warranty.

Individual LOOP Jacks Descriptions



1 IN Jack

This is the first jack in the signal chain. The audio signal will enter the "LOOP" through this jack.

2 SEND - N.C. Jack

This jack is used to send the signal to the desired audio device.

3 RETURN Jack

This jack is used to receive the returned signal from the desired audio device..

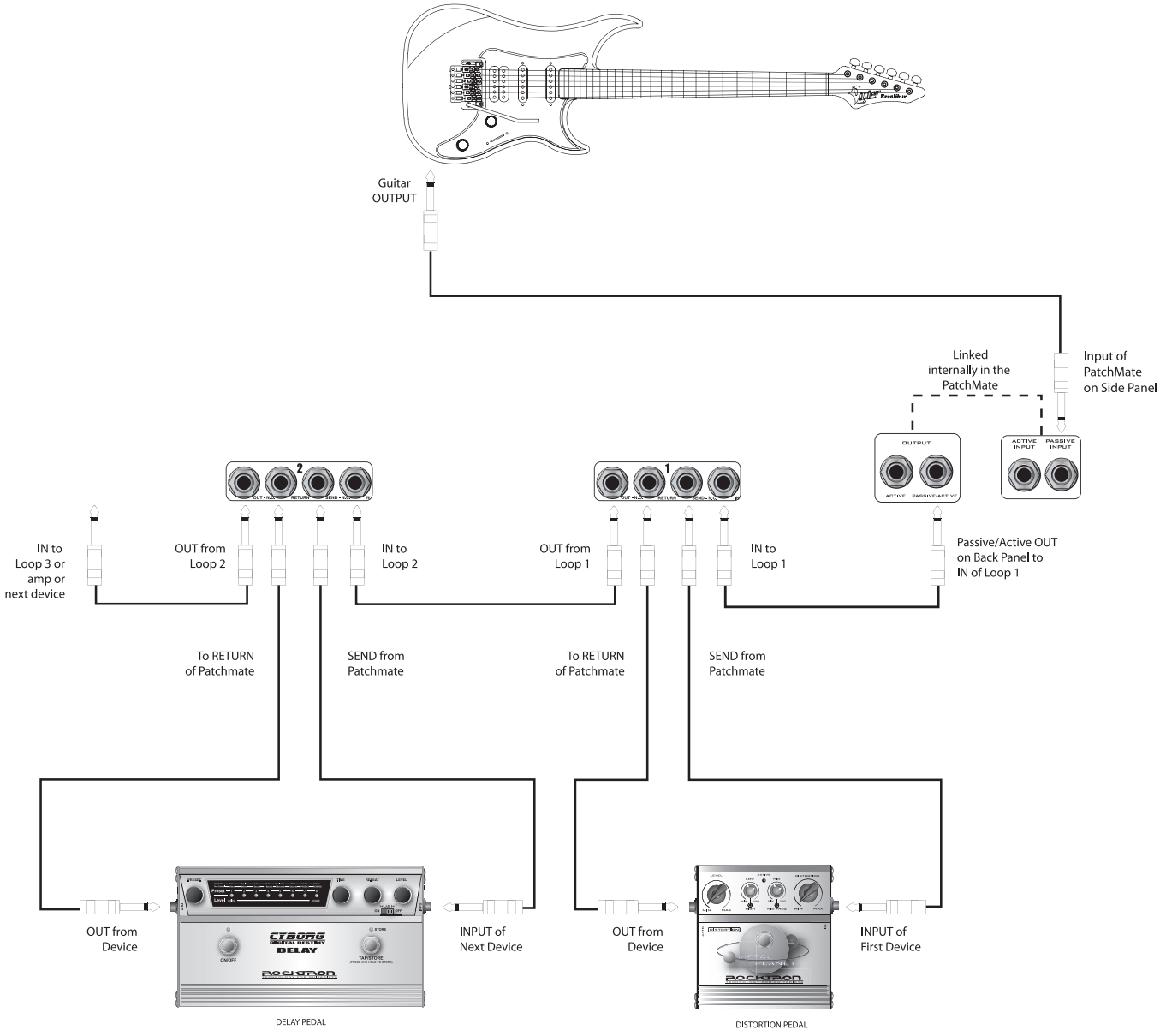
4 OUT - N.O. Jack

This jack is then used to send the signal to the next LOOP or next device in the signal chain.

Connections

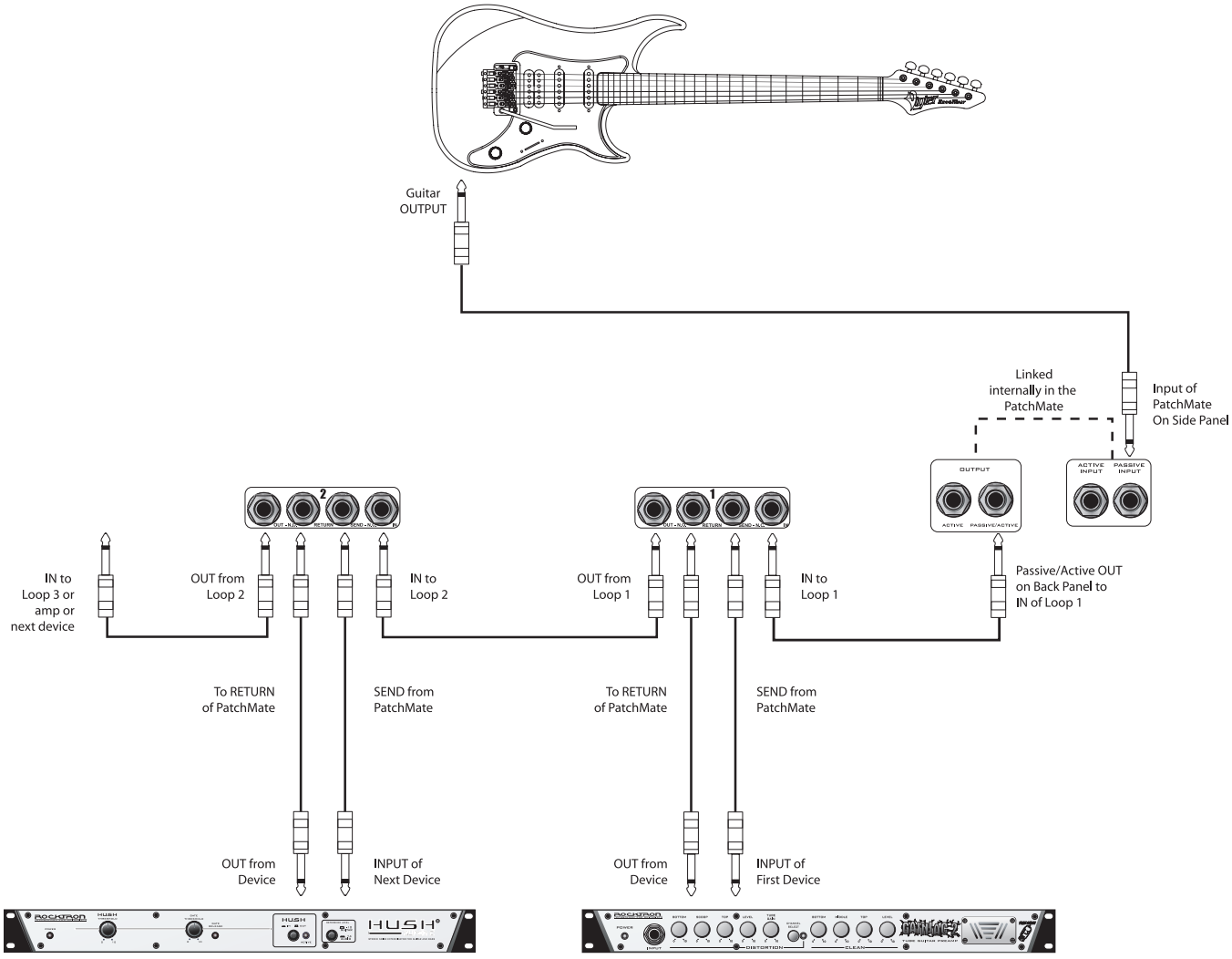
Note: to simplify the connection diagrams, all of the jacks may not be shown in similar locations as on unit, but the jack descriptions will show the correct connections

This connection diagram shows one way to use the LOOPs in the PatchMate LOOP 8 Floor to connect stompboxes (pedals). Although only two connections are shown here, you can follow a similar progression of connects using LOOPs 3-8.



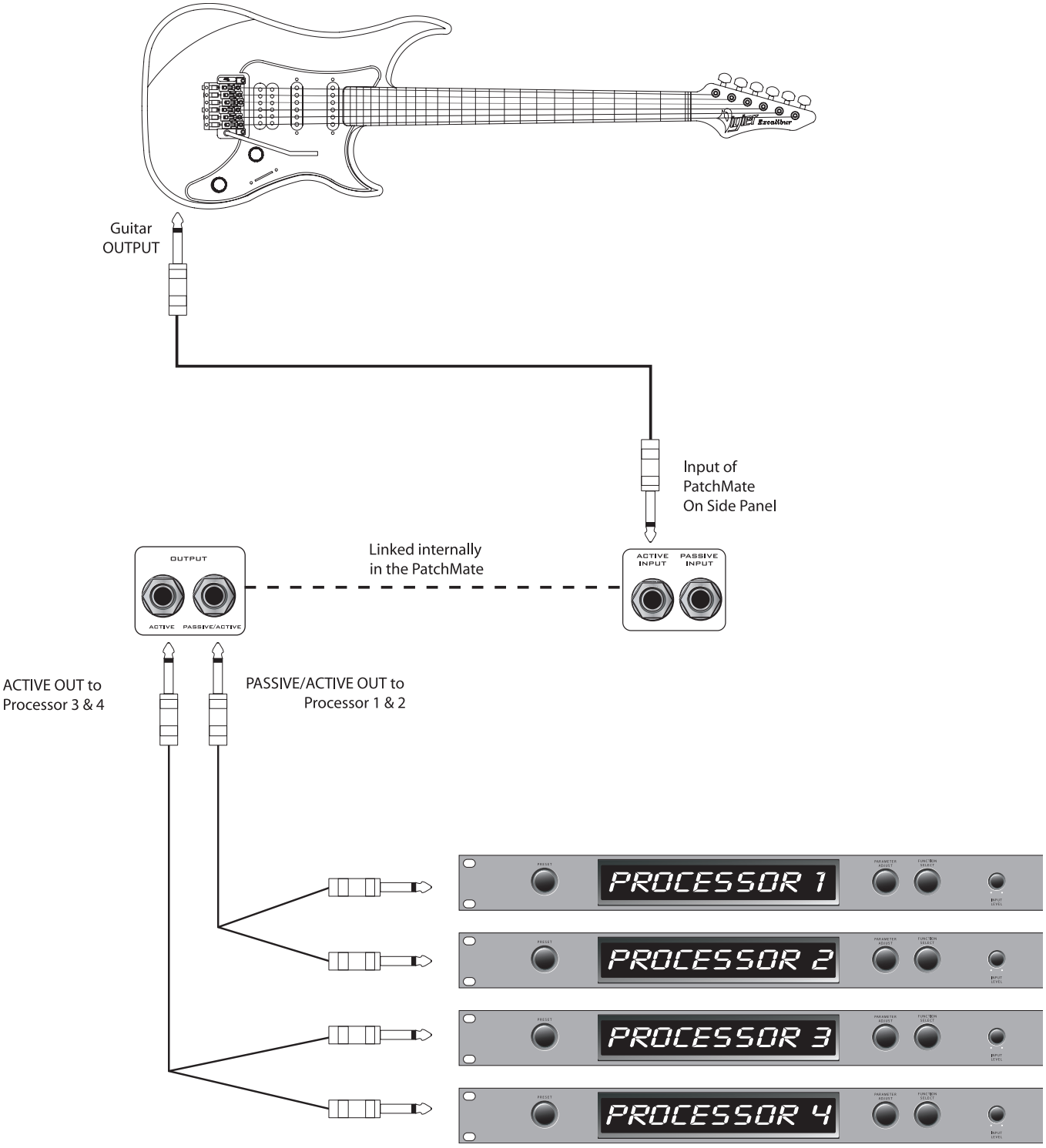
Connections....continued.....

This connection diagram shows one way to use the LOOPs in the PatchMate LOOP 8 Floor Although only two connections are shown here, you can follow a similar progression of connects using LOOPs 3-8.



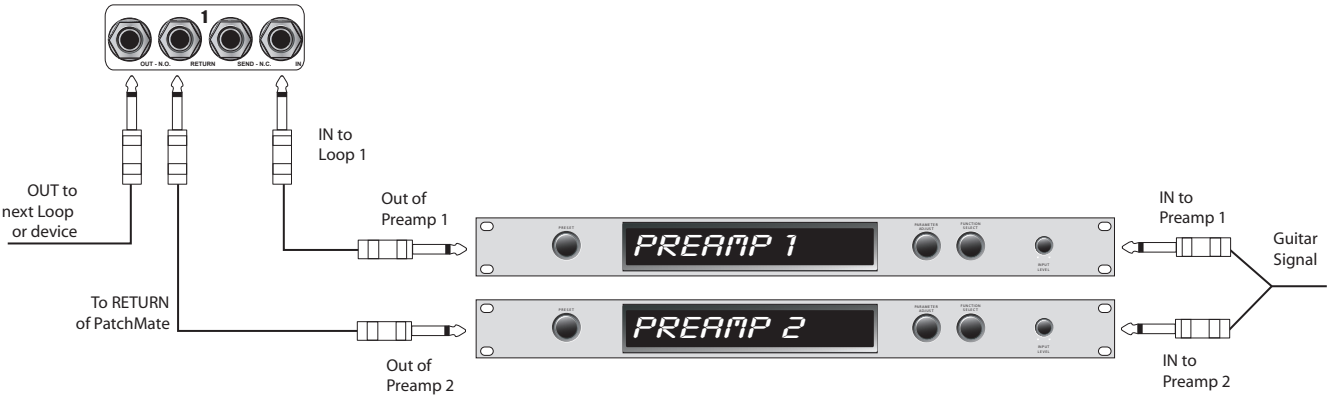
Connections....continued.....

This connection diagram shows one way to use the LOOPs in the PatchMate to connect to multiple effects processors.



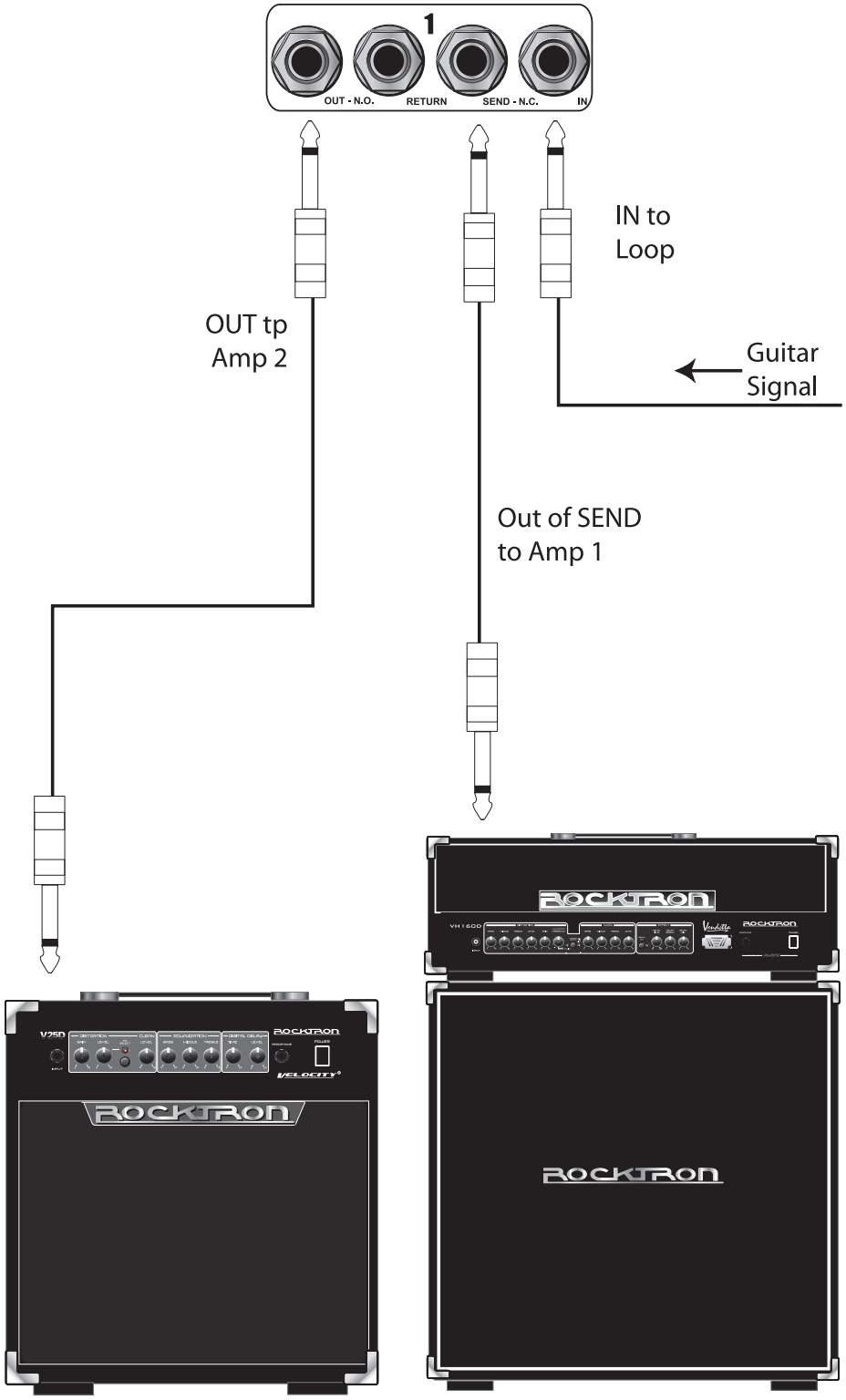
Connections....continued.....

This connection diagram shows one way to use the LOOPs in the PatchMate to connect to two different preamp.



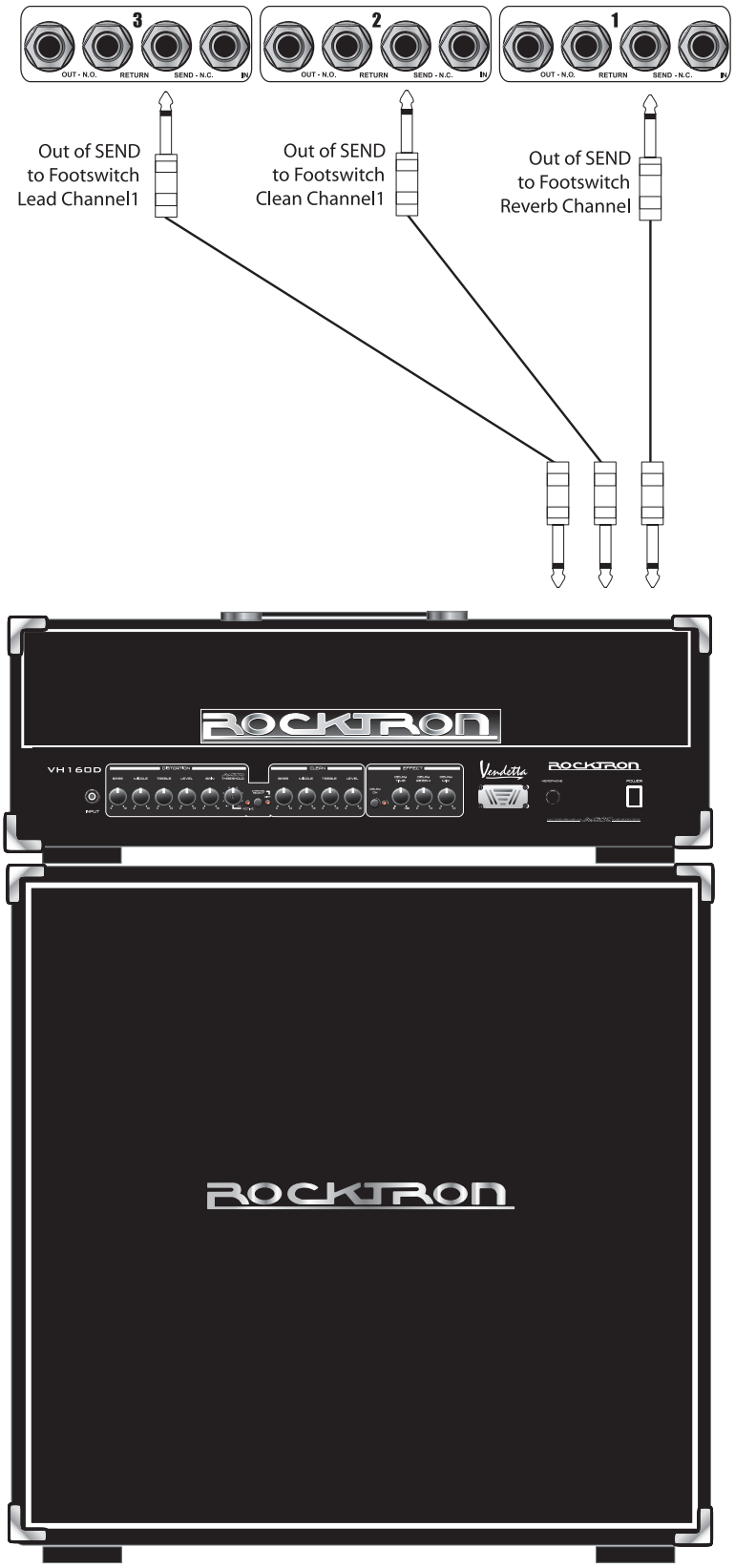
Connections....continued.....

This connection diagram shows one way to use the LOOPs in the PatchMate to connect two amplifiers and select between the two.



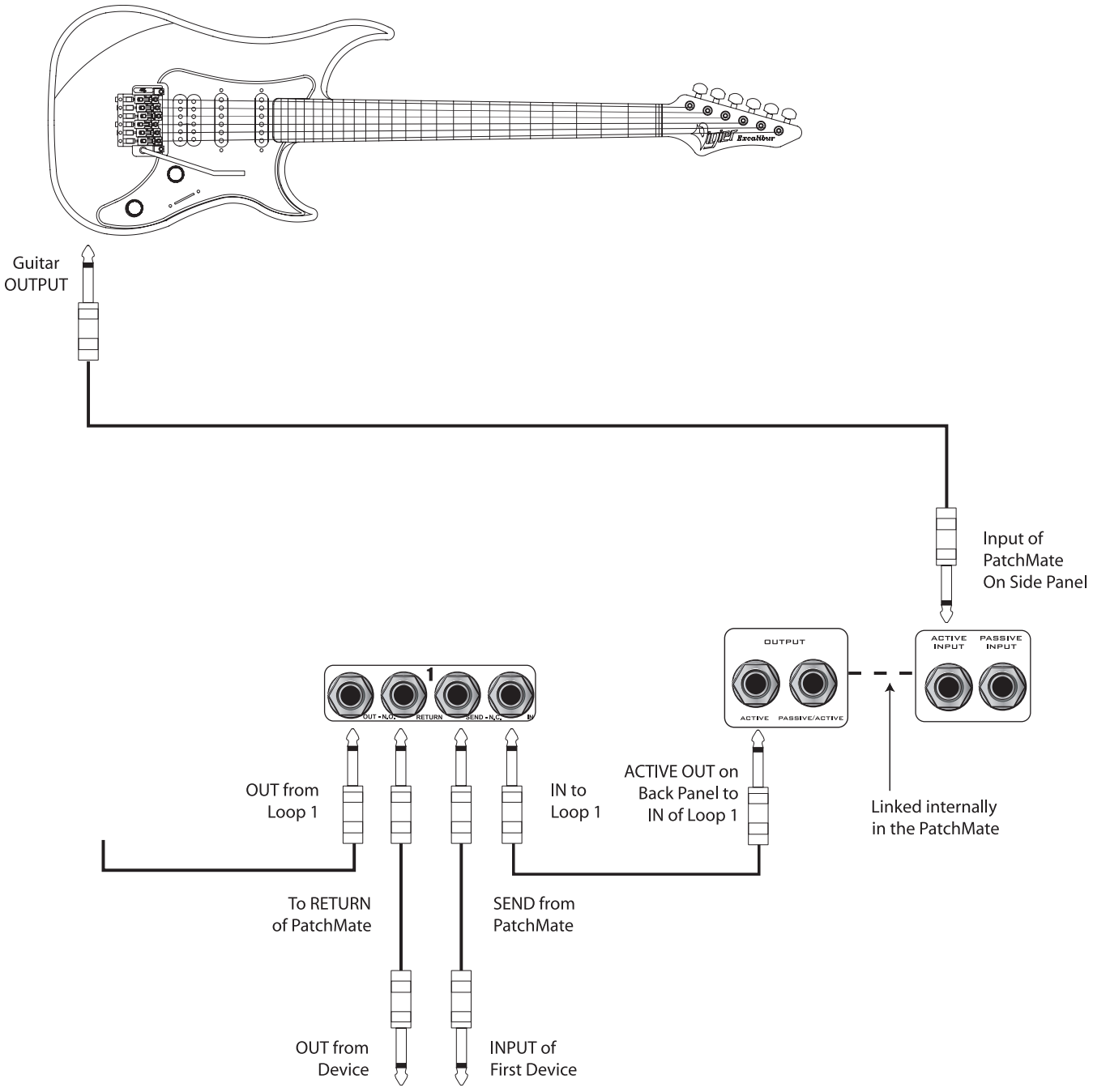
Connections....continued.....

This connection diagram shows one way to use the PatchMate LOOP 8 Floor's SENDS to change change channels on an amplifier.



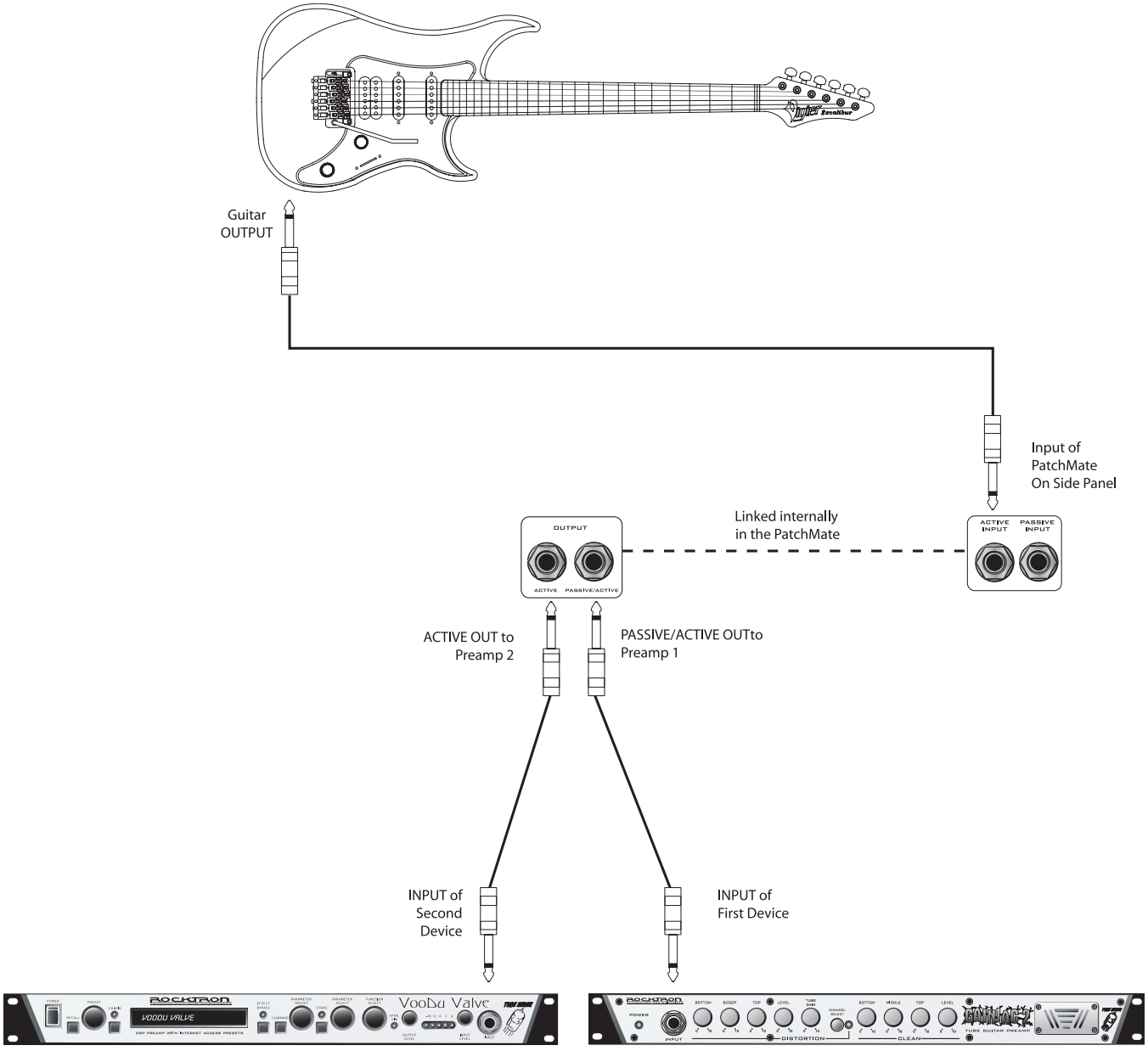
Connections....continued.....

This connection diagram shows one way to use the PatchMate's buffered connection.



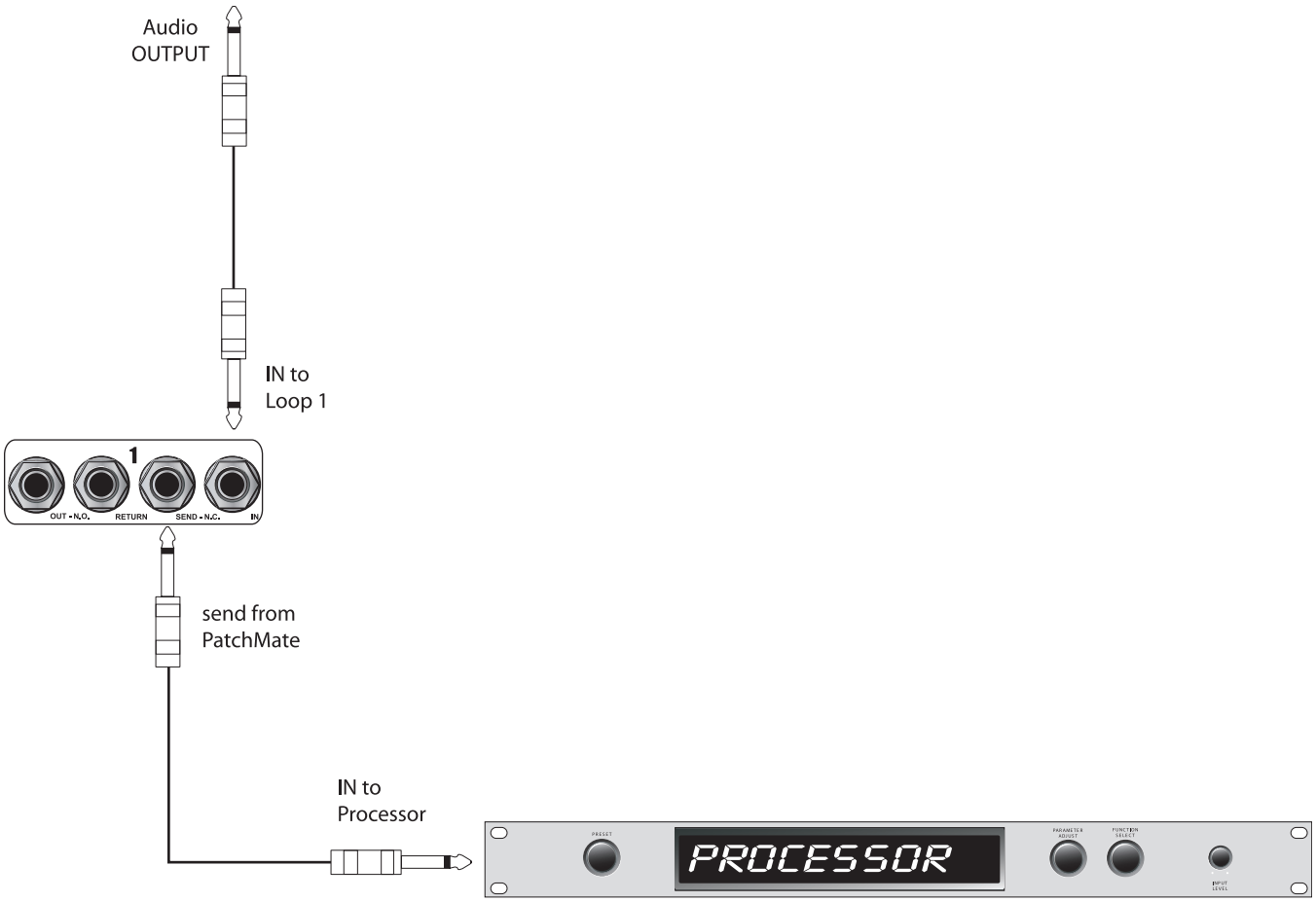
Connections....continued.....

This connection diagram shows one way to use the PatchMates buffered connection to connect to two different preamps.



Connections....continued.....

This connection diagram shows one way to connect the PatchMate to "MUTE" an effects processor where parallel effect routings are being implemented.

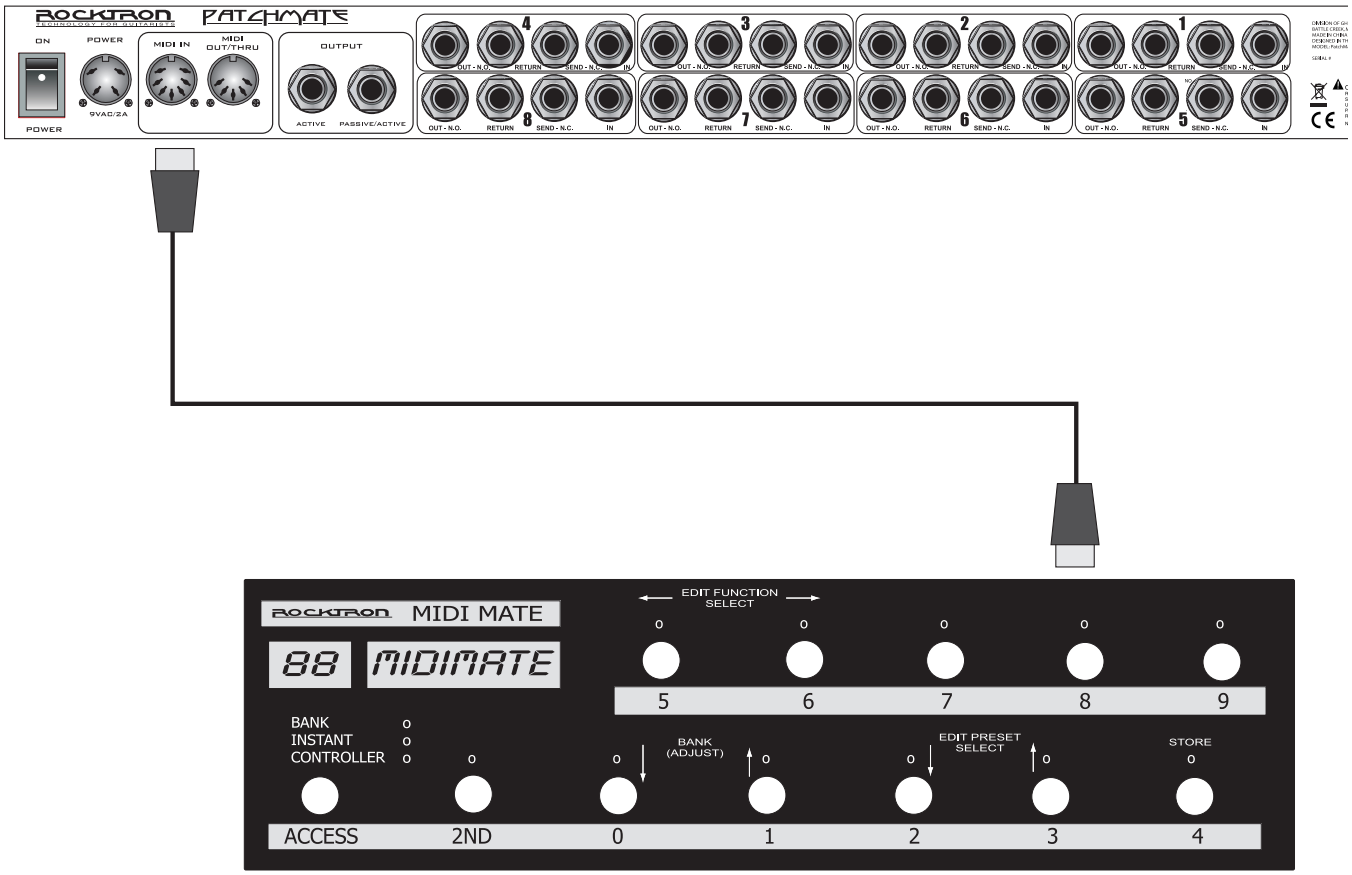


Connections....continued.....

This connection diagram shows how to connect the PatchMate to a MIDI Controller such as the Rocktron MIDI Mate (use similar connections for the Rocktron All Access, All Access LTD and MIDI Xchange.

Note: Internal PHANTOM POWER is provided by the PatchMate LOOP 8 Floor via the MIDI IN connector pins 6 & 7 and will power your Rocktron MIDI Controller eliminating the need to have a power adapter plugged directly into the MIDI Controller.

The power provide is 9VAC. To use this feature you will need a Rocktron RMM900 MIDI Cable (sold separately). See the Rocktron website - www.rocktron.com for more information.



The PHANTOM POWER feature is provided exclusive to support all ROCKTRON MIDI CONTROLLER products. Please refer to your owners manual before attempting to use this option with a MIDI CONTROLLER other than a Rocktron product. Rocktron can not be held responsible for any damages arising from improper use or connections.

LOOPS and PRESETS Descriptions- Creating & Storing:

The PatchMate LOOP 8 Floor has two basic MODES of operation, LOOP MODE (Default) and PRESET MODE.

LOOP MODE

LOOP Mode is when the PatchMate is in a state where you can access (turn on/off) the individual "loops" using the switches marked 1-8 .

In the PatchMate LOOP 8 Floor's LOOP mode (which is the default mode or state of the PatchMate LOOP 8 Floor when the unit is turned ON) you can turn ON and/or OFF the various LOOPS using the footswitches on the top panel. Switch 1 turns ON or OFF "LOOP 1" on the back panel, Switch 2 turns ON of OFF "LOOP 2" on the back panel.

PRESET MODE

PRESET Mode is when the PatchMate is in a state where you can access (turn on/off) a "preset" using the switches marked 1-8. You have a total of 8 PRESETS that can be accessed via the 8 Switches on the PatchMate LOOP 8 Floor. To access more presets you will need to combine it with a Rocktron MIDI Controller such as the Rocktron MIDI Xchange, MIDI Mate, All Access or All Access LTD.

A "PRESET" is a setup within the PatchMate LOOP 8 Floor where you may have multiple LOOPS set to be on and/or off. Thus, instead of stepping on multiple switches to turn on and off loops, you can select a predetermined set up (loops on or off) for a particular sound you like.

For example, if you have a LEAD sound that you like that requires loops 1, 2 and 7 to be "on" and the other loops to "off" you can set up a PRESET that automatically tells the PatchMate Loop 8 Floor to turn "on" loops 1, 2 and 7 and turn "off" all other loops with one simple process, thus saving you the effort of turning on and off each loop individually to get your LEAD sound.

When the PatchMate LOOP 8 Floor is first turned on it is in "LOOP" mode. This means that you can turn on/off the 8 individual loops using the switches marked 1 through 8. To enter into "PRESET" mode, which allows you to select presets that you have stored.

To access the PRESET MODE press and release the STORE switch. The LED next to the word "PRESET" will light. You are now in "PRESET MODE" Thus, whatever switch you press next will be that preset. NOTE, if for example you press switch number 1 you have accessed preset number 1, not LOOP 1. However, once you have pressed a switch the PatchMate LOOP 8 automatically reverts to LOOP mode, so you may now turn ON/OFF LOOPs within that preset. To access a different preset, press and release the STORE switch, the LED next to the word PRESET will light, now the next switch you press it will select that particular PRESET.

PRESETS - Selecting, Creating & Storing:

To create and store a preset follow these instructions;

To select a preset:

1 Press and Release the "STORE" Switch. The LED next to the word "PRESET" will light.

2 Press the desired PRESET number using the switches on the top panel. Switch Number 1 is preset number 1 and so on.

3 After the preset has been selected the PatchMate LOOP 8 Floor will revert to "LOOP" Mode. You will now be able to turn ON/OFF LOOPS within this preset.

To Create and Store a preset:

1 First you must determine which preset number you would like to create and then select that number by pressing the corresponding switch. The preset number must be the first switch you select in this process.

2 Turn ON or OFF the desired LOOPS (including the loop corresponding to the switch you have selected for the preset).

3 Press and HOLD the STORE switch down until the LED lights and then goes out.

You have now saved the preset.

Here is an example:

Lets set up SWITCH 1 (PRESET 1)

In this preset we want LOOPs 2, 4 and 8 to be on all others off. Thus the process is as follows:

1 Press switch 1 (this selects the preset number)

2 Press ON Loops 2, 4 and 8 by pressing switches 2, 4, and 8. The corresponding LEDs will be ON or lit.

3 Turn off LOOPs 1, 3, 5, 6, and 7 by pressing switches 1, 3, 5, 6, and 7 if necessary. The corresponding LEDS will be OFF.

4 Press and HOLD the STORE switch until the RED LED lights (turns on) and continue to hold until the LED turns OFF. The preset now has been stored and the PatchMate LOOP 8 Floor has reverted to "LOOP" Mode

So, lets test this to confirm. Turn on all LOOPs. Now PRESS and RELEASE the STORE switch quickly to access "PRESET" Mode. Press switch 1. If stored correctly LOOPS 2, 4 and 8 will be "ON" and all other loops "OFF" indicated by the LEDs above switches 2, 4 and 8 being on and all other LEDs off.

Setup your PatchMate LOOP 8 Floor:

SETUP MODE:
To enter setup mode once you turn the power on you have 3 seconds to press the Store button once. After the 3 second time out it will enter the SETUP MODE..... and the STORE LED will blink. You are now in the MIDI CONFIGURATION PROGRAMMING MODE.

Note: If you do not press the store button within the first 3 seconds proceeding the initial power up, the Patchmate Loop 8 will automatically enter normal mode and recall preset number 1.

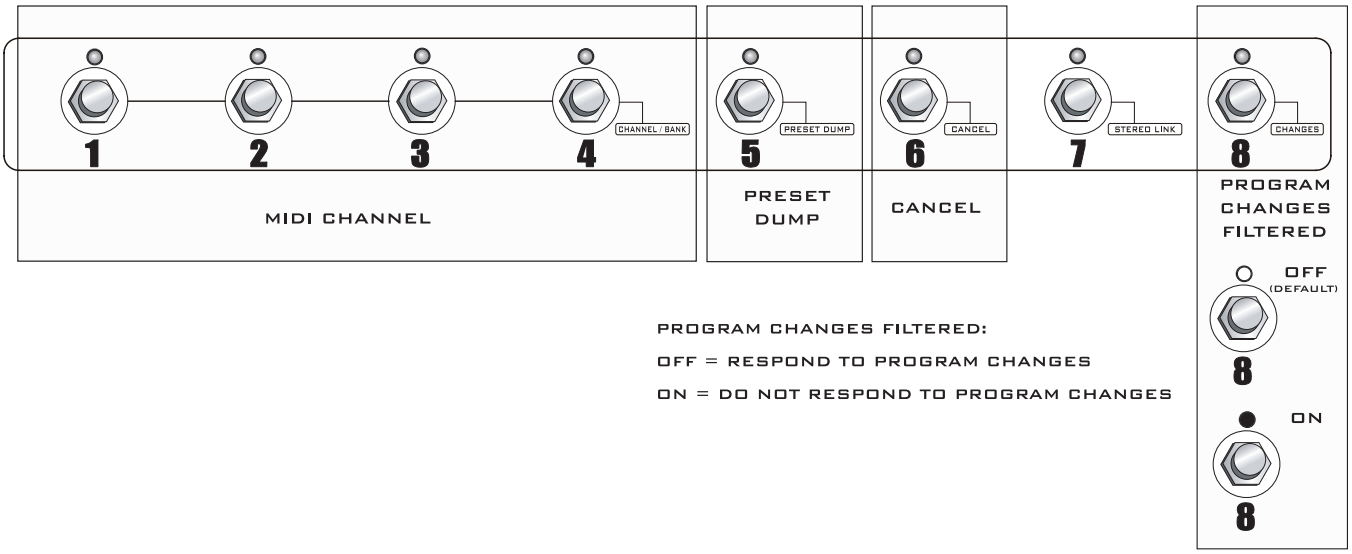
1. The LEDs above the switches on the top panel will be displaying the current MIDI CHANNEL configuration information. To modify the MIDI CHANNEL information press the desired button combination as shown on the MIDI CHANNEL SELECT diagram on the following page.

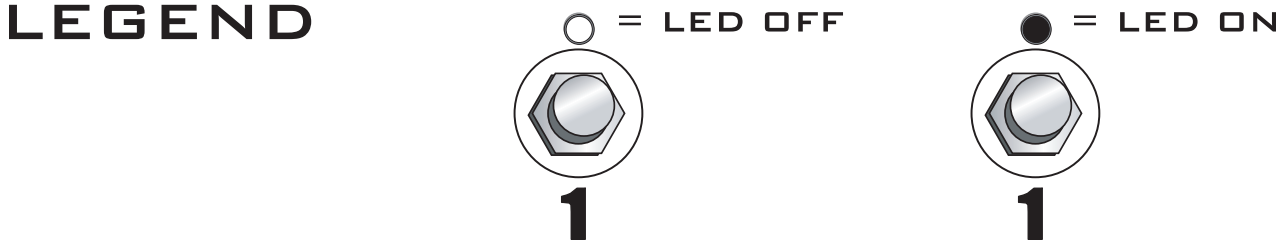
2. If you would like the PatchMate LOOP 8 Floor to respond to these program changes, press and release swtich 8. When the LED is "ON" the PatchMate LOOP 8 Floor will respond to controller changes.

Once you have made your selections PRESS and RELEASE the STORE Switch. All relays and LEDs will blink twice indicating store success. (Now proceed to step 3 under MIDI CONTROLLER SETUP)

*You may PRESS CANCEL (Switch 6) on the top panel then press the STORE switch and release if no changes are needed.

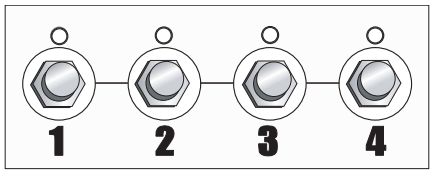
MIDI CONFIGURATION PROGRAMMING (DEFAULT)



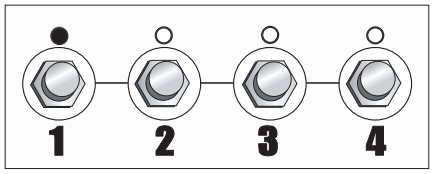


MIDI Channel Select

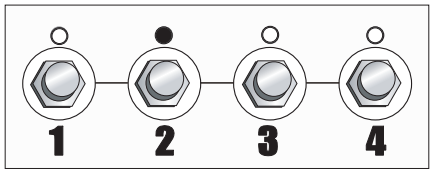
1



2



3



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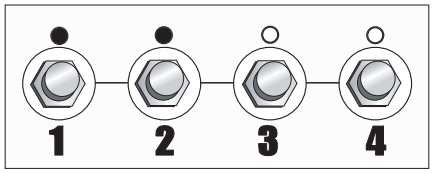

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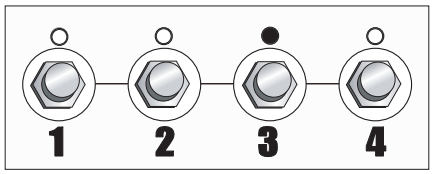

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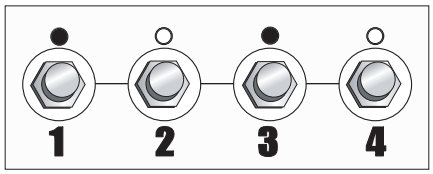

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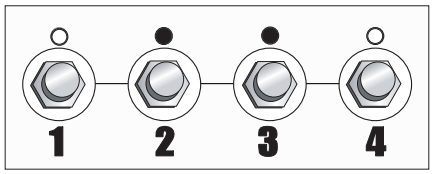

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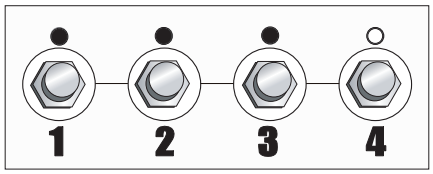

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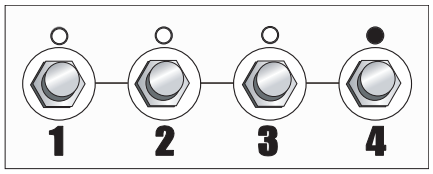

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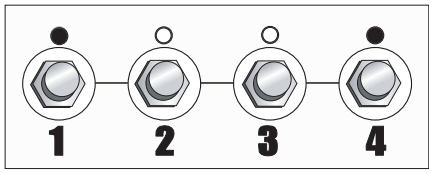

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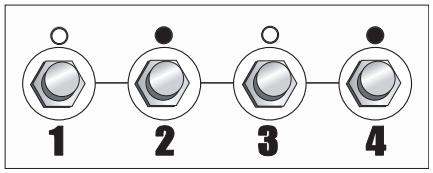

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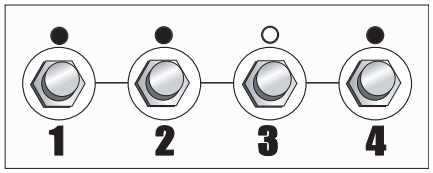

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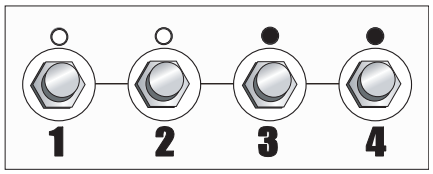

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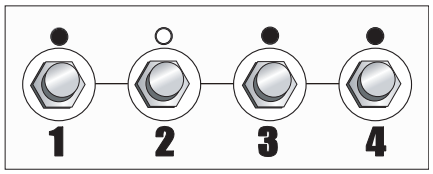

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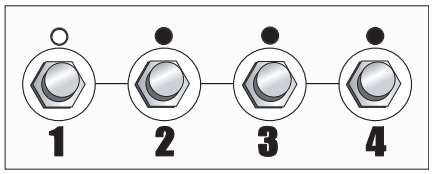

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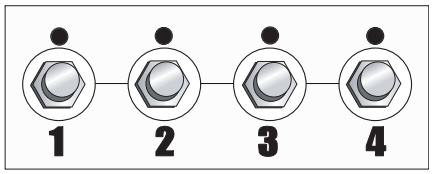


MIDI Controller Bank Setup

3. Once you have pressed the Store switch from step 2, the TOP PANEL SWITCH LEDs [1 thru 8] will blink twice and the STORE BUTTON will continue to blink signifying that the MIDI CONTROLLER BANK information is now being displayed.

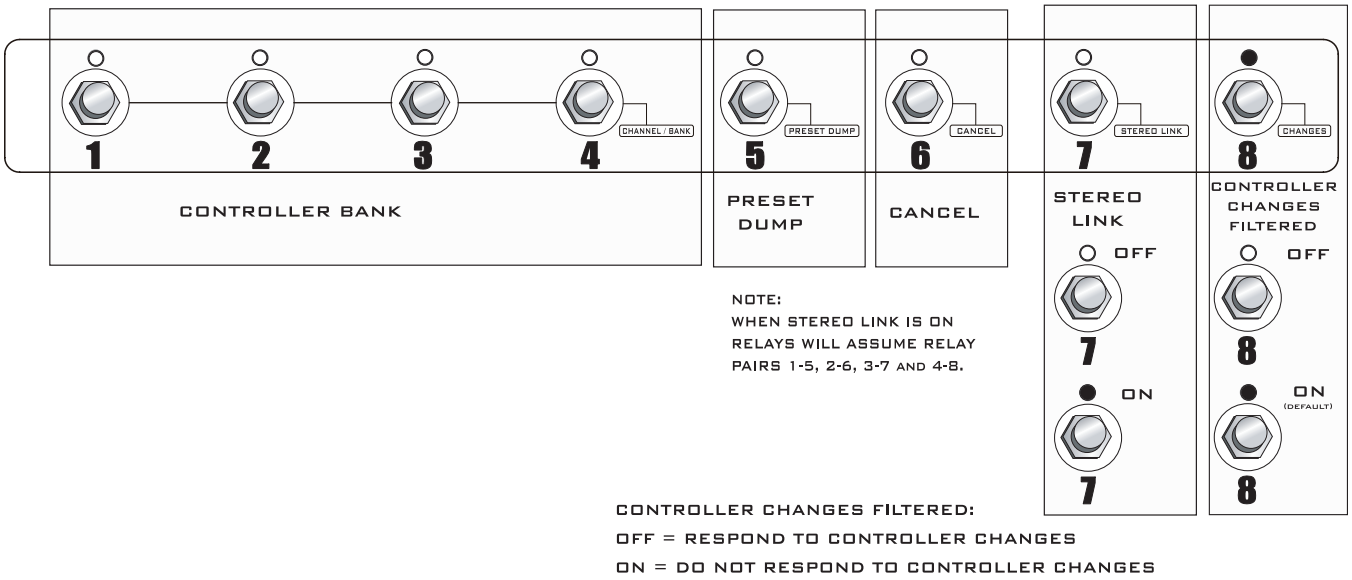
4. You may now make your MIDI CONTROLLER BANK selections based on the MIDI CONTROLLER BANK SETUP diagram on the following pages or you may PRESS CANCEL [6] ON then PRESS and RELEASE the STORE BUTTON.

5. If you would like the PatchMate LOOP 8 Floor to respond to these controller changes you just made, press and release swtich 8. When the LED is on the PatchMate LOOP 8 Floor will respond to controller changes.

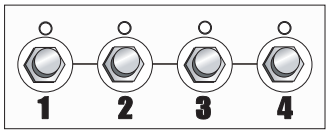
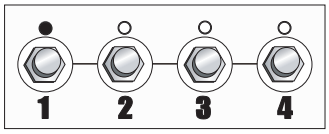
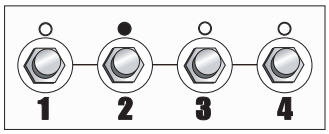
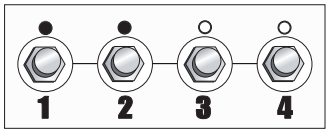
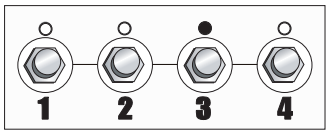
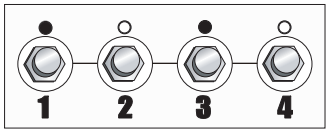
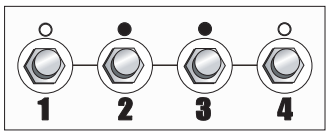
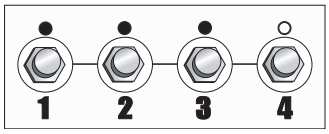
6. When you are ready to store the information simply PRESS and RELEASE the STORE SWITCH. The STORE LED will blink followed by the recall of preset 1.

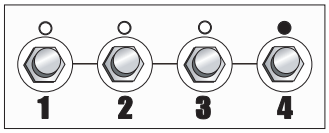
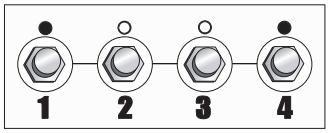
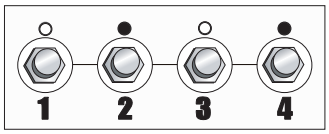
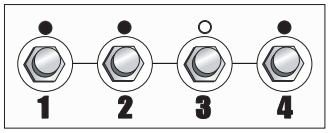
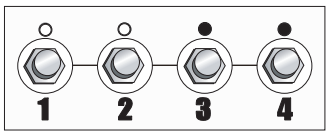
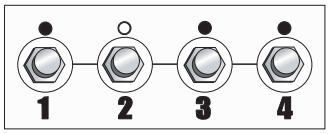
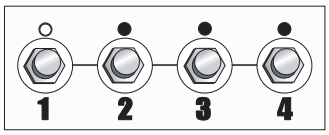
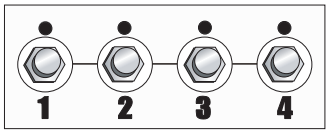
Programming is now completed.

MIDI CONTROLLER PROGRAMMING (DEFAULT)



MIDI Controller Bank Setup

BANK		MCC
1		0-7
2		8-15
3		16-23
4		24-31
5		32-39
6		40-47
7		48-55
8		56-63

BANK		MCC
9		64-71
10		72-79
11		80-87
12		88-95
13		96-103
14		104-111
15		112-119
16		120-127

*CANCEL:
PRESS SWITCH 6 then PRESS and RELEASE the STORE BUTTON to CANCEL the PROGRAMMING MODE.

Note: If CANCEL is executed any modified information will not be retained.

Preset Dump

MIDI PRESET DUMP PROCEDURE:

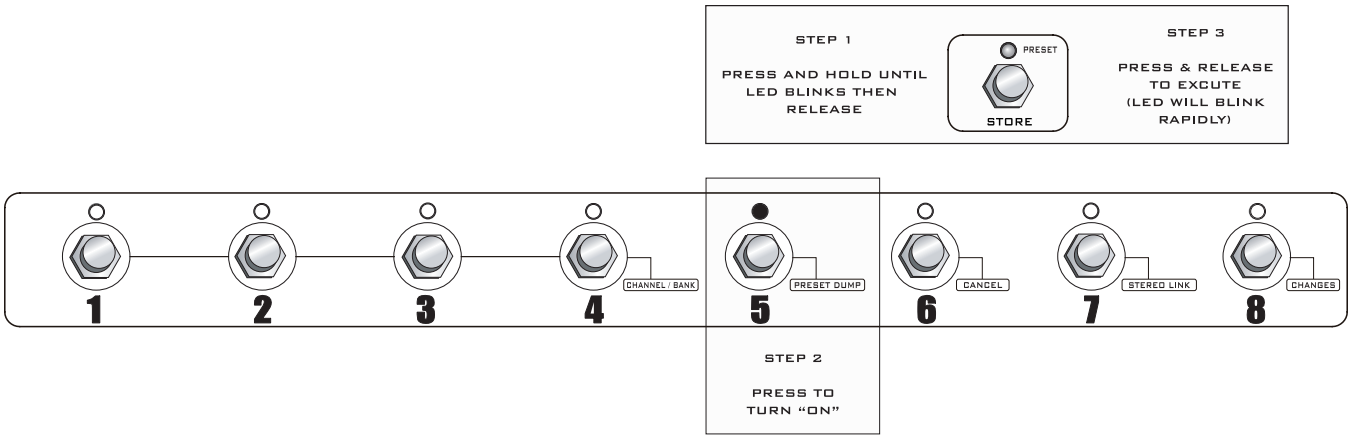
To DUMP or copy presets from your PatchMate LOOP 8 Floor to another PatchMate LOOP 8 Floor, first connect the two via MIDI OUT of the sending PatchMate LOOP 8 Floor to the MIDI IN of the receiving PatchMate LOOP 8 Floor.

1. 1. Turn the PatchMate LOOP 8 Floor “ON”, within the first 3 seconds press and release the STORE button. The Store Button will begin “flashing”. Note: That this procedure must be done within 3 seconds of the PatchMate LOOP 8 Floor being turned “ON If you forgot just turn the Patchmate Loop 8 off for 5 seconds and try again.

2. Press SWITCH 5 (PRESET DUMP), the LED above it will be lit.

3 PRESS and RELEASE the STORE BUTTON to execute a dump of all user preset data via MIDI. The STORE BUTTON will blink rapidly during this process.

After the PatchMate LOOP 8 Floor has finished the Midi Preset Dump process the PROGRAMMING MODE will be canceled and the PatchMate LOOP 8 Floor will return to the current PRESET.



Stereo Link

To link loops in Stereo, follow these instructions

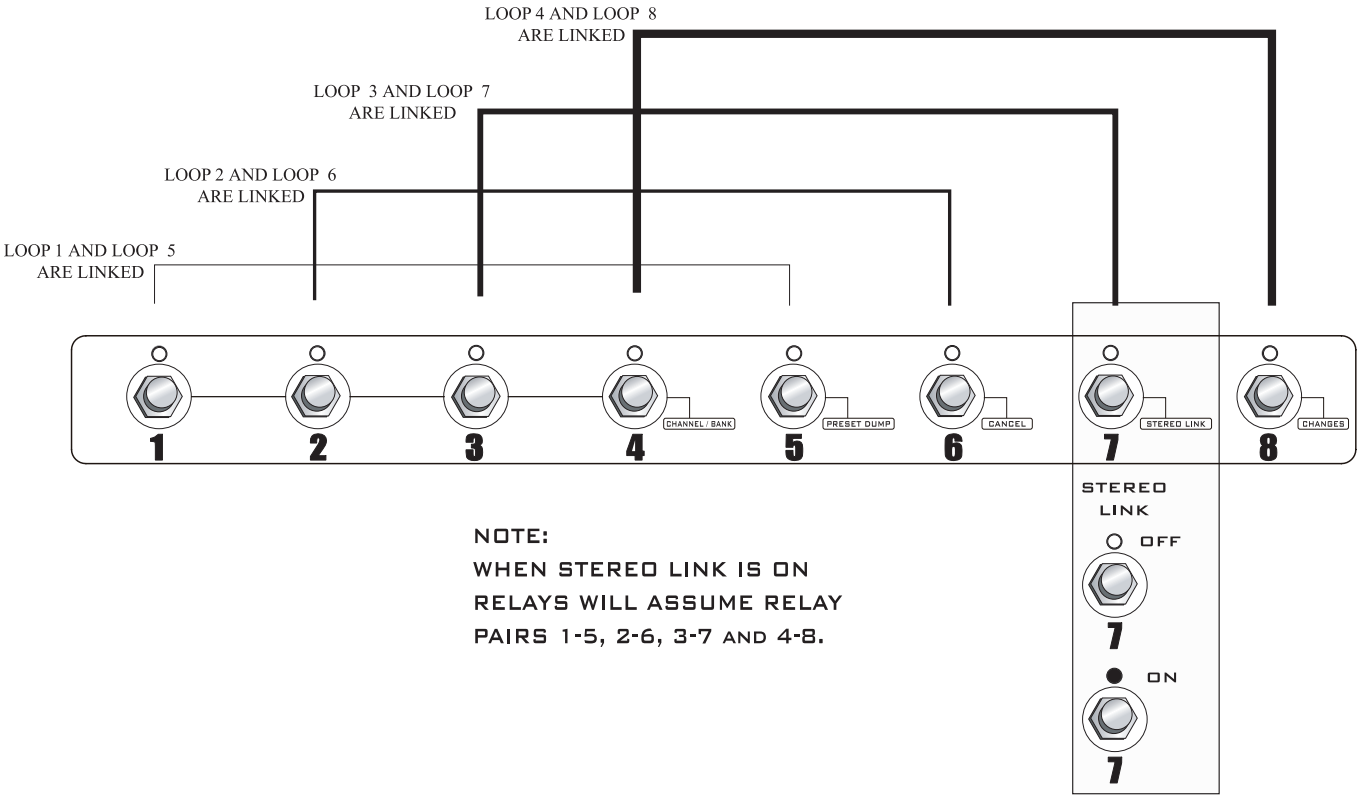
1. Turn the PatchMate LOOP 8 Floor "ON", then press and hold the STORE button down until the STORE LED starts "flashing". Note that this procedure must be done within 3 seconds of the PatchMate LOOP 8 Floor being turned "ON"

2. Press SWITCH 7 (STEREO LINK), the LED above it will be lit.

3 SWITCHES 1, 2, 3 and 4 now become the STEREO LINK switches. When Switch 1 is pressed and the LED is lit, LOOP 1 is now linked in stereo to LOOP 5 and Switch 1 now is the ON/OFF control over the linked pair. The linked pairs are [1 to 5] [2 to 6] [3 to 7] [4 to 8].

4 PRESS and RELEASE the STORE SWITCH to execute the link.

After you have pressed the STORE SWITCH the PatchMate LOOP 8 Floor will return to the current PRESET.



How to use an external MIDI Controller with the PatchMate LOOP 8 Floor

SETTING PatchMate USING MIDI PROGRAM CHANGES

Now that you have configured your PatchMate LOOP 8 Floor MIDI CHANNEL to the same channel as your midi controller along with enabling PROGRAM CHANGES ON, you are now ready to program your presets.

Make sure you have exited the MIDI CONFIGURATION PROGRAMMING MODE before using your PatchMate LOOP 8 Floor with a Midi Controller.

1. Connect your Midi Controllers MIDI OUT to the PatchMate LOOP 8 Floor's MIDI IN using a 5 PIN MIDI cord.

2. RECALL the desired preset you want to edit using your MIDI CONTROLLER.
3. Set the RELAY STATES using the front panel buttons.
4. Press STORE and release.
   The PatchMate LOOP 8 Floor will respond by blinking the STORE BUTTON one (1) time.
REPEAT STEPS 2-4 for all presets..... That's it!

SMART LOOP CONTROLLERS

The PatchMate LOOP 8 Floor includes ROCKTRON's exclusive Smart Controller Technology which allows the PatchMate LOOP 8 Floor to receive Latching or Momentary controller messages then applying user programmed release delay times.
This feature provides the user the ability to control Amplifiers that use momentary pulses to switch channels using latching or momentary midi continuous controller messages with a pre determined delay applied to the switch release. This delay value is determined by the reception of the on state value.

If the values received were

127 = ON
0 = OFF

The relay operation will be executed immediately when received….. No delay will be applied….

However if the value for the on state is anything else other than 127 the following delay to release will be calculated using the following equation

[ON VALUE * 2] * 1 millisecond

So if the value for on was 125 then the time the relay would be on for would become

[125 * 2] * 1 ms = 250 ms or about a Quarter of a Second.

How to use an external MIDI Controller with the PatchMate LOOP 8 Floor.....continued....

On the initial reception of this ON state value the target relay will be activated followed by the execution of the delay release timer.

Note: When this feature is being used any transmitted value of 0 will be ignored as the delay will handle the off state execution.

Therefore Momentary amplifier switching may be attained without the need to provide a momentary controller message.

ROCKTRON
TECHNOLOGY FOR GUITARISTS

PATCHMATE
LOOP & FLOOR

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